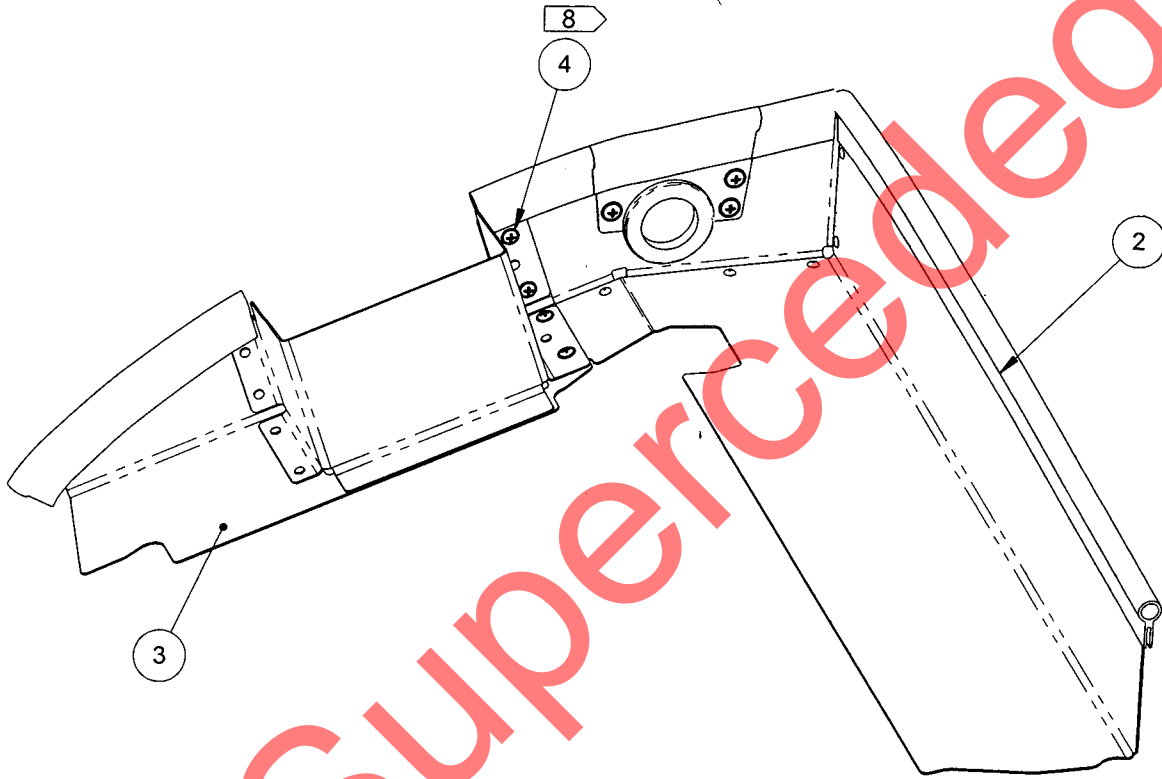






ITEM	QTY -041	PART NUMBER	DESCRIPTION
1	X	D4434-041	FWD BRACKET ASSEMBLY
2	1	D4434-043	FWD INBOARD BRACKET ASSEMBLY
3	1	D4434-045	FWD OUTBOARD BRACKET ASSEMBLY
4	4	AN525-832R7	SCREW



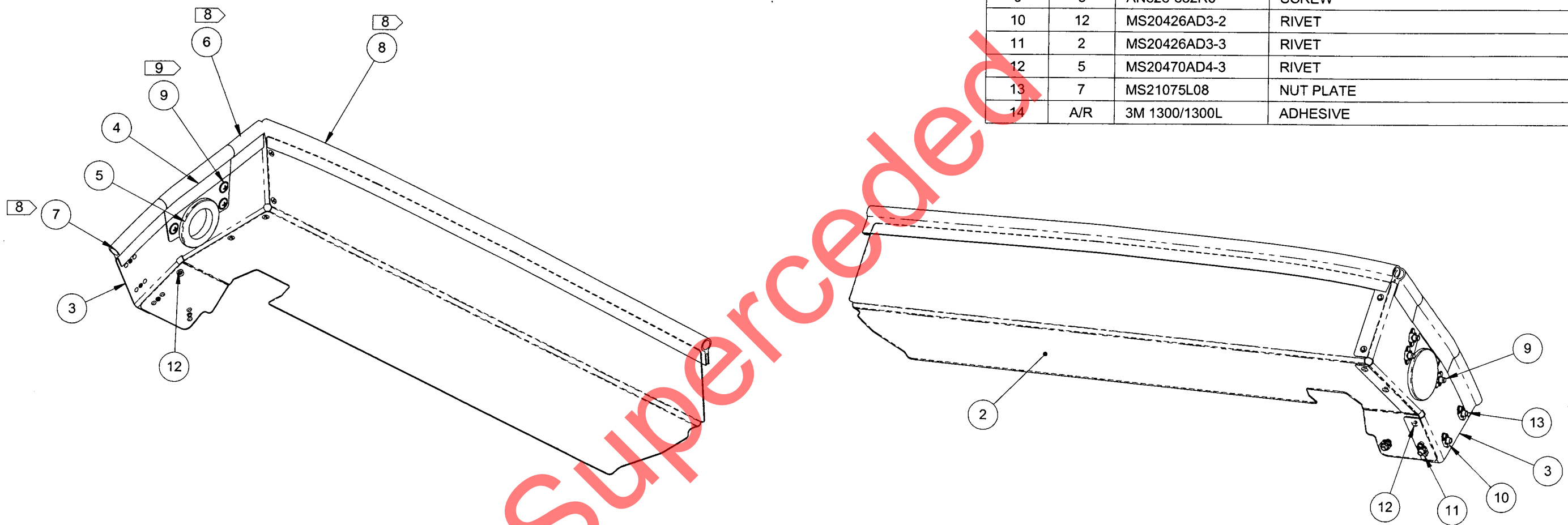
RELEASED  
2012-01-23  
*MD*

**D4434-041 FWD BRACKET ASSEMBLY**

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
  - 7) WEIGHT: 1.42 lbs
  - 8) TORQUE SCREW TO 12-15 (in-lb)

A	NEW ISSUE		RF	12.01.17
REV.	DESCRIPTION		BY	DATE
DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		
DRAWN	RF			
CHECKED		DRAWING NO.	REV. A	
MFG. APPR.		D4434	SHEET 1 OF 15	
APPROVED		TITLE	SCALE	
DE APPR.		COVER ASSEMBLY	NTS	
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



ITEM	QTY -043	PART NUMBER	DESCRIPTION
1	X	D4434-043	FWD INBOARD BRACKET ASSEMBLY
2	1	D4434-1	BRACKET
3	1	D4434-9	BRACKET
4	1	D4435-041	BRACKET ASSEMBLY
5	1	D4440-1	GROMMET
6	1	D4441-1-017	RUBBER SEAL
7	1	D4441-1-025	RUBBER SEAL
8	1	D4441-1-225	RUBBER SEAL
9	3	AN525-832R6	SCREW
10	12	MS20426AD3-2	RIVET
11	2	MS20426AD3-3	RIVET
12	5	MS20470AD4-3	RIVET
13	7	MS21075L08	NUT PLATE
14	A/R	3M 1300/1300L	ADHESIVE

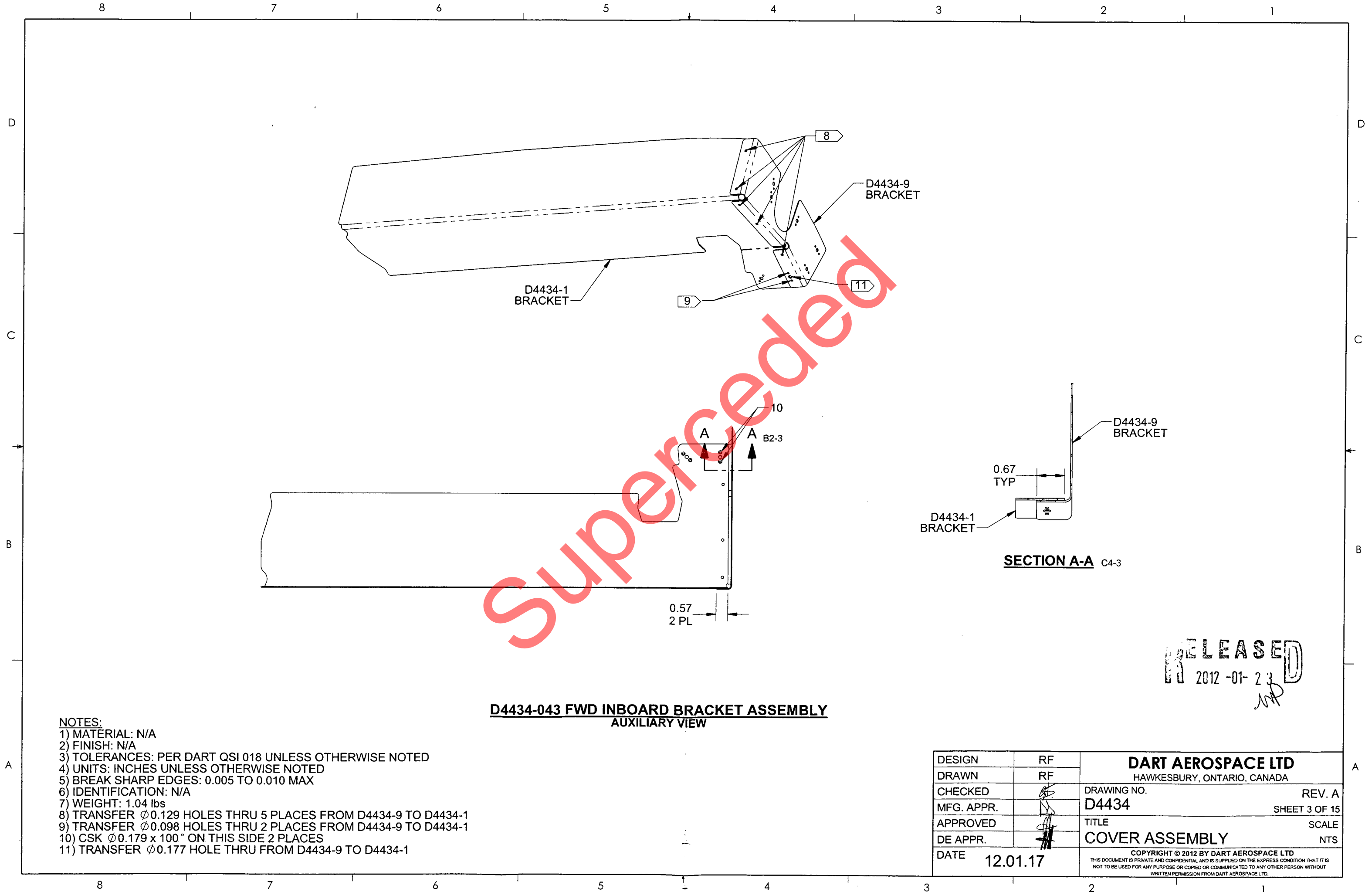


- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3 MASK NUT PLATE HOLES
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 1.04 lbs
  - 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING
  - 9) TORQUE SCREW TO 12-15 (in-lb)

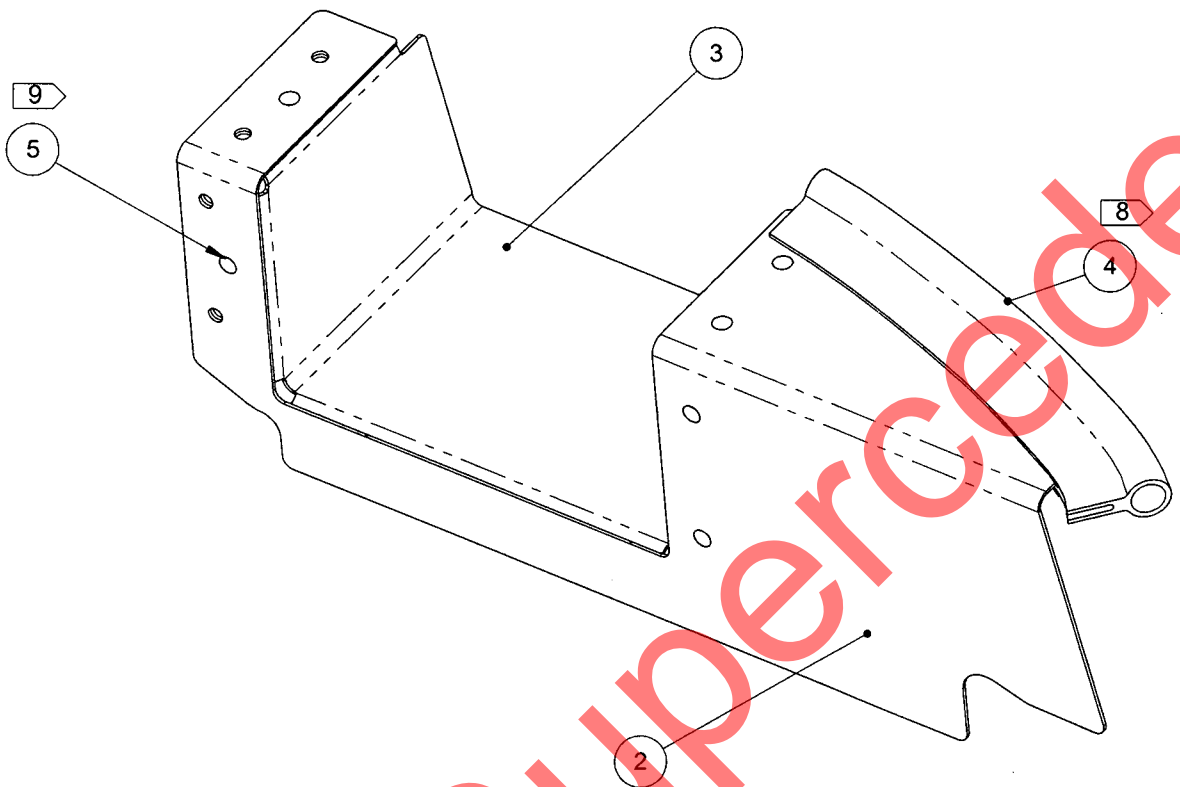
D4434-043 FWD INBOARD BRACKET ASSEMBLY

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2012-01-23

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CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4434	SHEET 2 OF 15
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ITEM	QTY -045	PART NUMBER	DESCRIPTION
1	X	D4434-045	FWD OUTBOARD BRACKET ASSEMBLY
2	1	D4434-3	BRACKET
3	1	D4434-5	BRACKET
4	1	D4441-1-060	RUBBER SEAL
5	6	MS20426AD4-4	RIVET

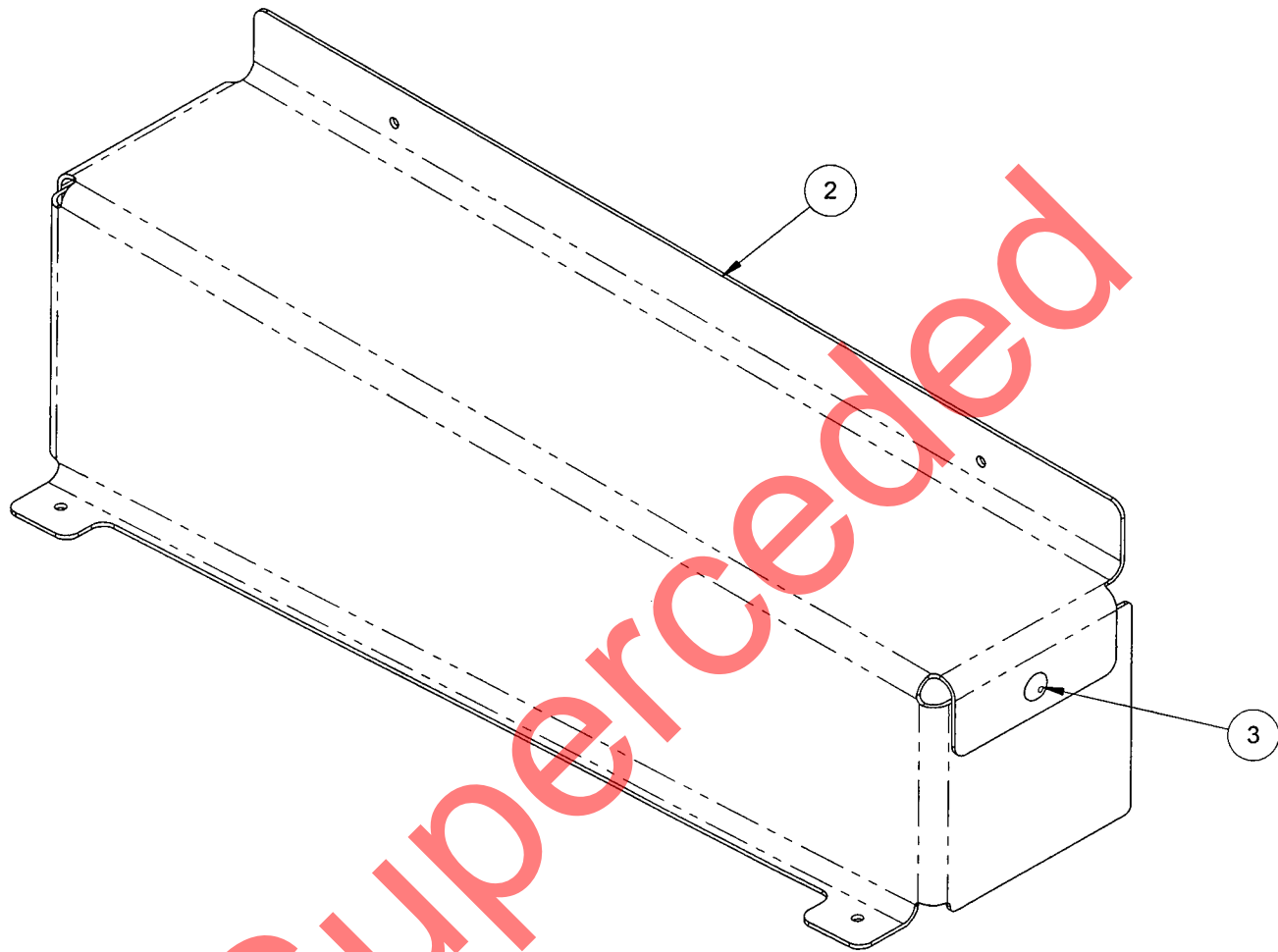


D4434-045 FWD OUTBOARD BRACKET ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3  
MASK NUT PLATE HOLES
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.365 lbs
  - 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE  
ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL  
IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING
  - 9) TRANSFER  $\varnothing 0.129$  HOLE 6 PLACES AND CSK TO  $\varnothing 0.225 \times 100^\circ$

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
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ITEM	QTY -047	PART NUMBER	DESCRIPTION
1	X	D4434-047	COVER ASSEMBLY
2	1	D4434-7	BRACKET
3	2	MS20470AD4-3	RIVET

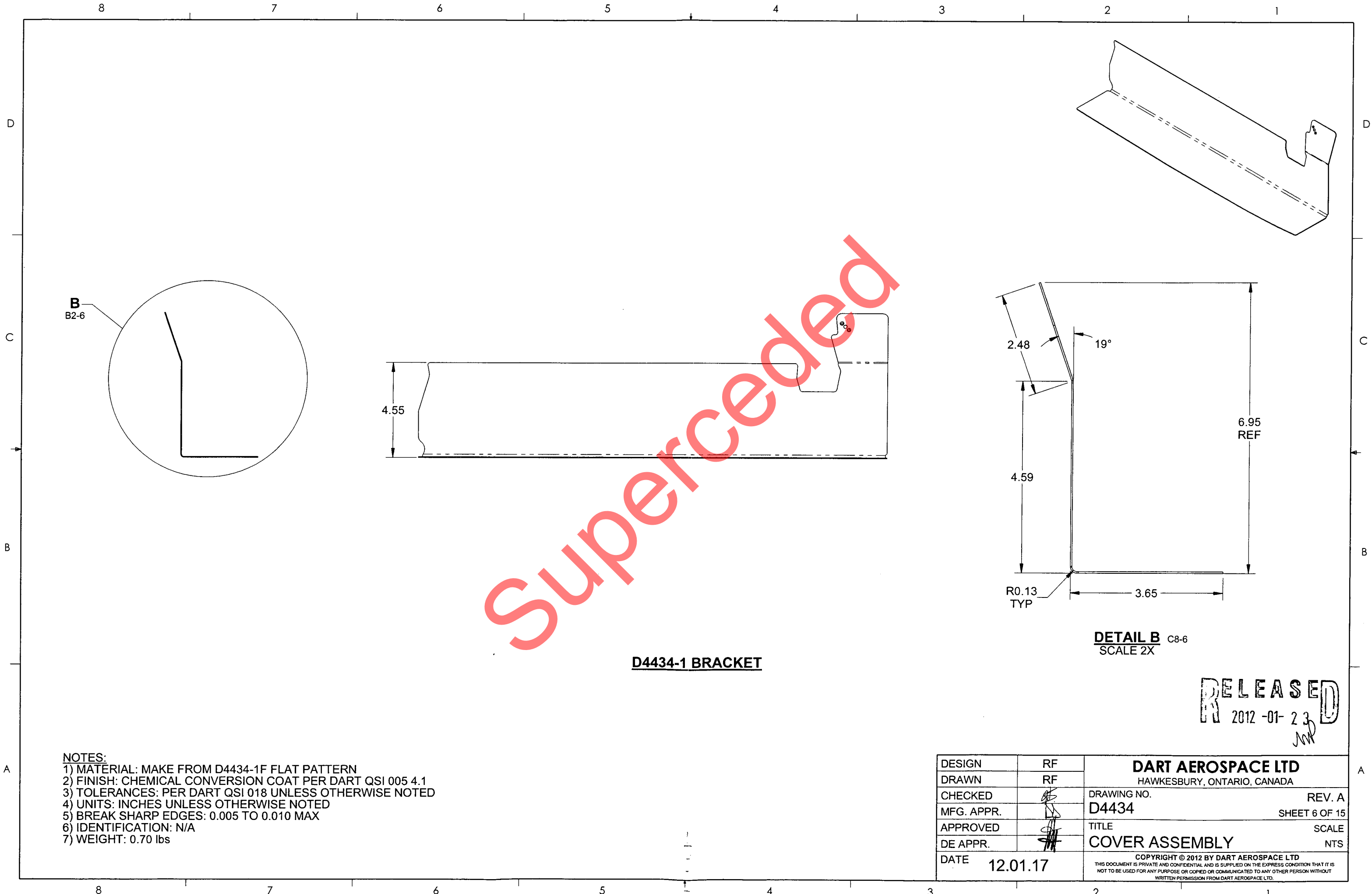


**D4434-047 COVER ASSEMBLY**

**RELEASED**  
2012-01-23  
*[Signature]*

- NOTES:**  
1) MATERIAL: N/A  
2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1  
7) WEIGHT: 0.263 lbs

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MFG. APPR.	<i>[Signature]</i>	<b>D4434</b>	SHEET 5 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>COVER ASSEMBLY</b>	NTS
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B2-6

4.55

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19°

6.95  
REF

4.59

R0.13  
TYP

3.65

**D4434-1 BRACKET**

**DETAIL B** C8-6  
SCALE 2X

- NOTES:
- 1) MATERIAL: MAKE FROM D4434-1F FLAT PATTERN
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.70 lbs

RELEASED  
2012-01-23  
JMP

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
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CHECKED		DRAWING NO.	REV. A
MFG. APPR.		<b>D4434</b>	SHEET 6 OF 15
APPROVED		TITLE	SCALE
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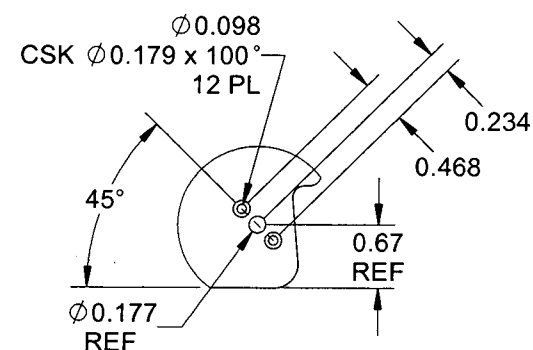
C

B

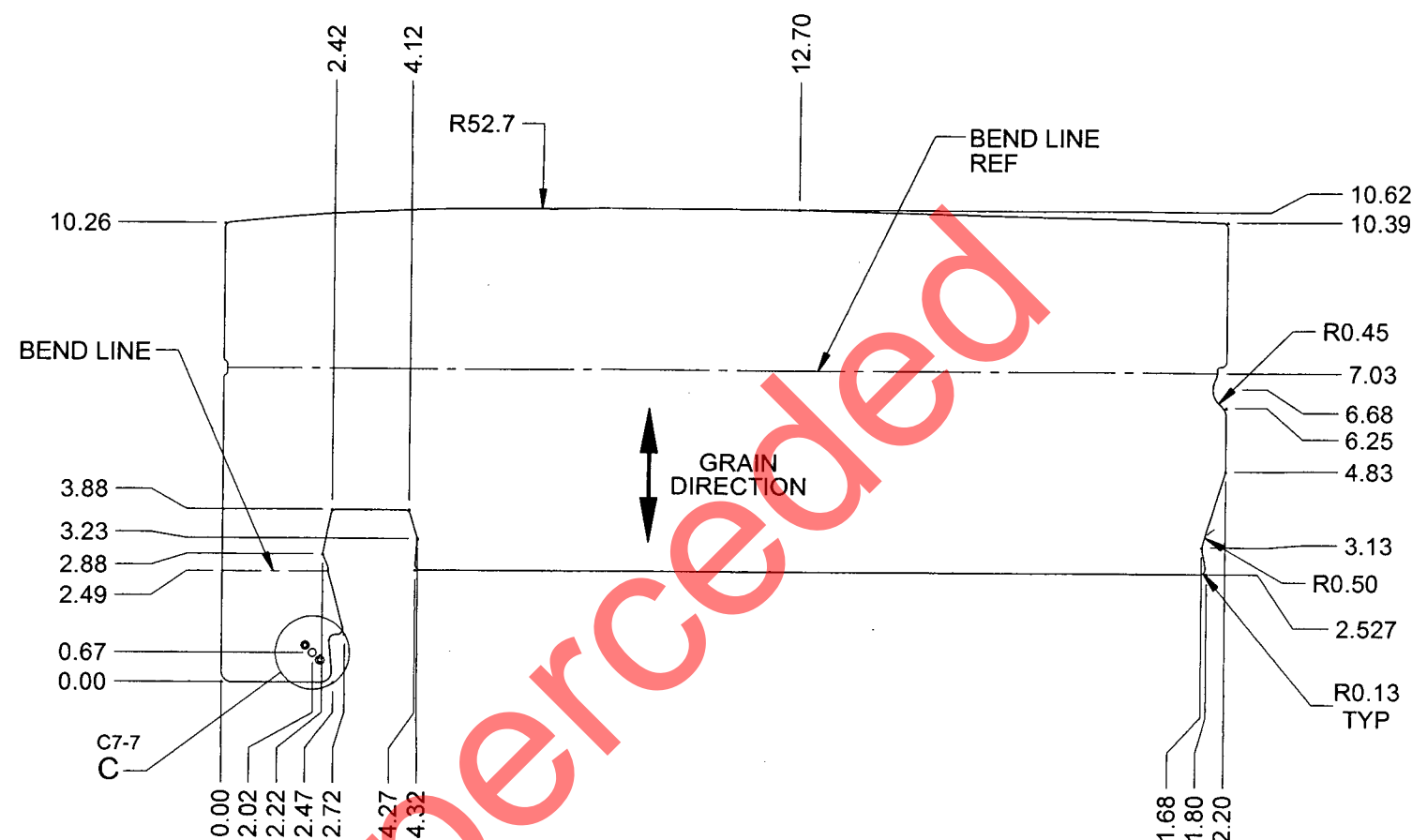
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**DETAIL C** B6-7  
SCALE 2X



**D4434-1F FLAT PATTERN**

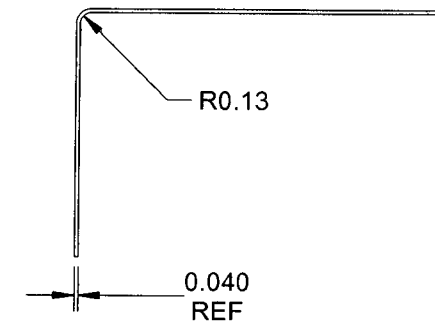
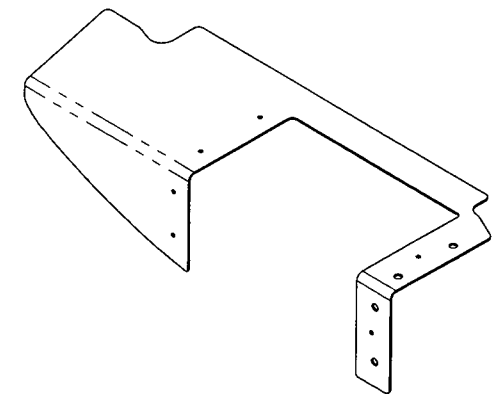
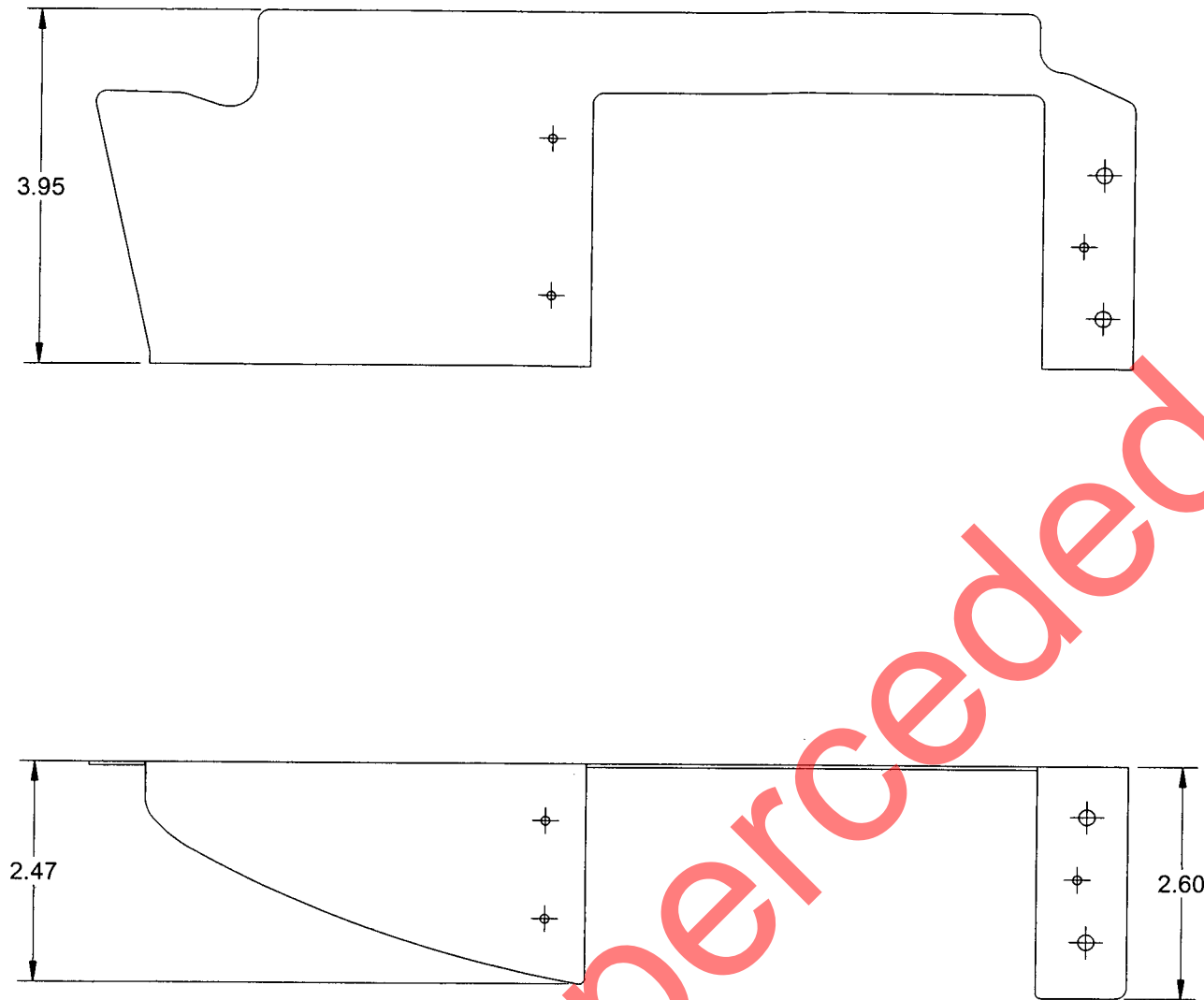
RELEASED  
2012-01-23

**NOTES:**

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.70 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
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MFG. APPR.	<i>[Signature]</i>	<b>D4434</b>	SHEET 7 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>COVER ASSEMBLY</b>	NTS
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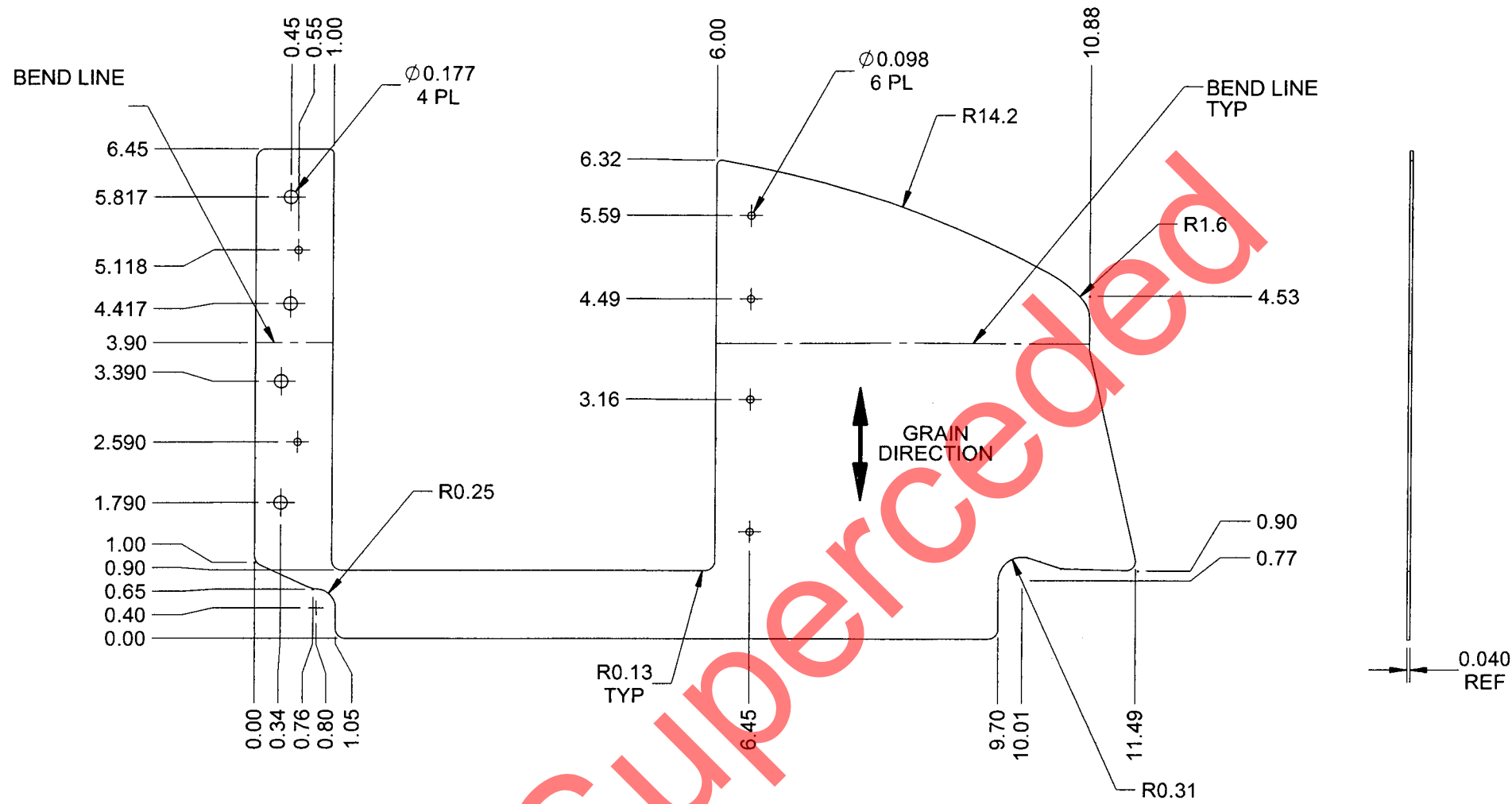
**D4434-3 BRACKET**

RELEASED  
2012-01-23  
JMD

- NOTES:
- 1) MATERIAL: MAKE FROM D4434-3F FLAT PATTERN
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.14 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	<b>D4434</b>	SHEET 8 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
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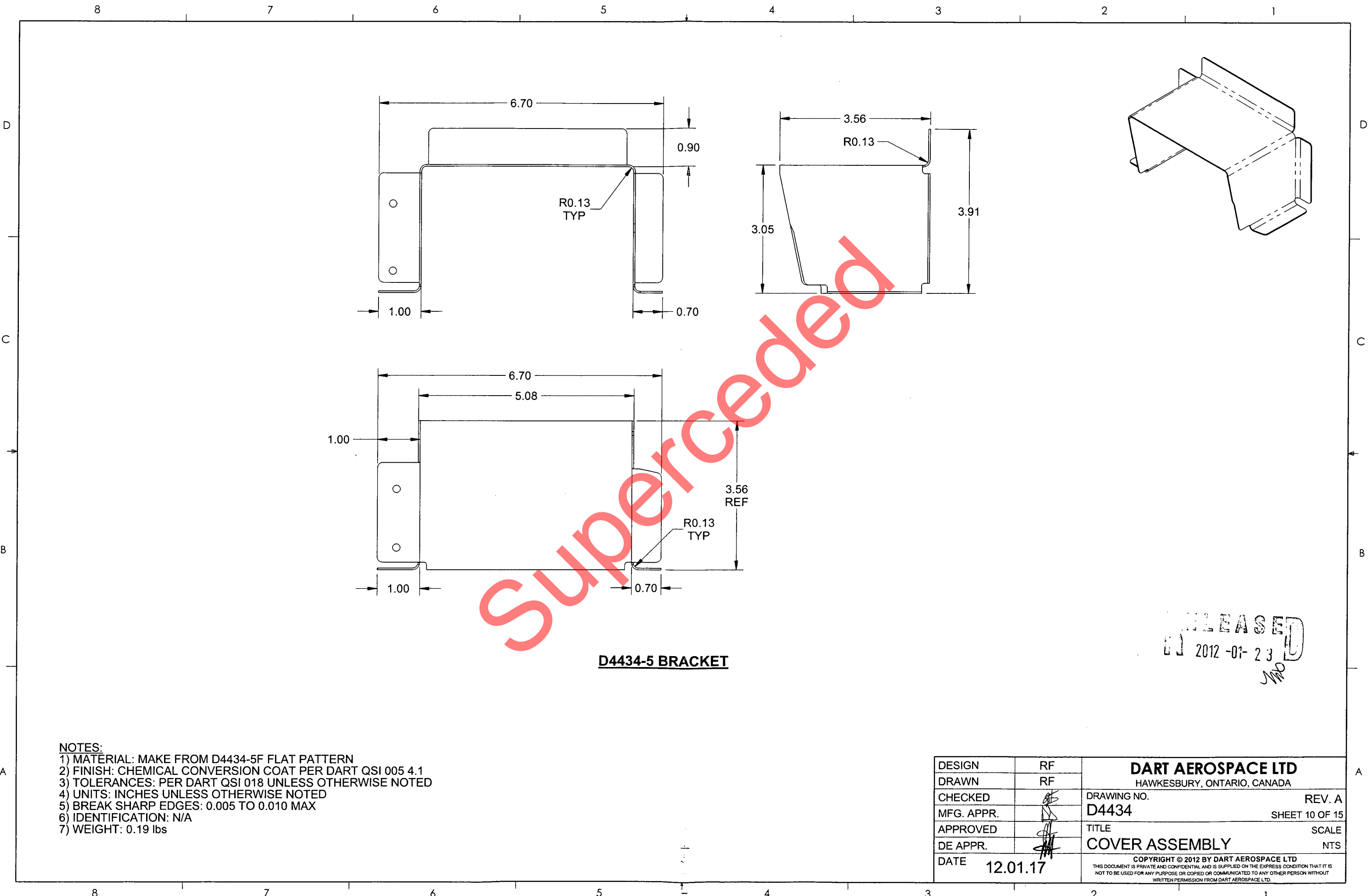
**D4434-3F FLAT PATTERN**

**NOTES:**

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.14 lbs

RELEASED  
2012-01-23  
JM

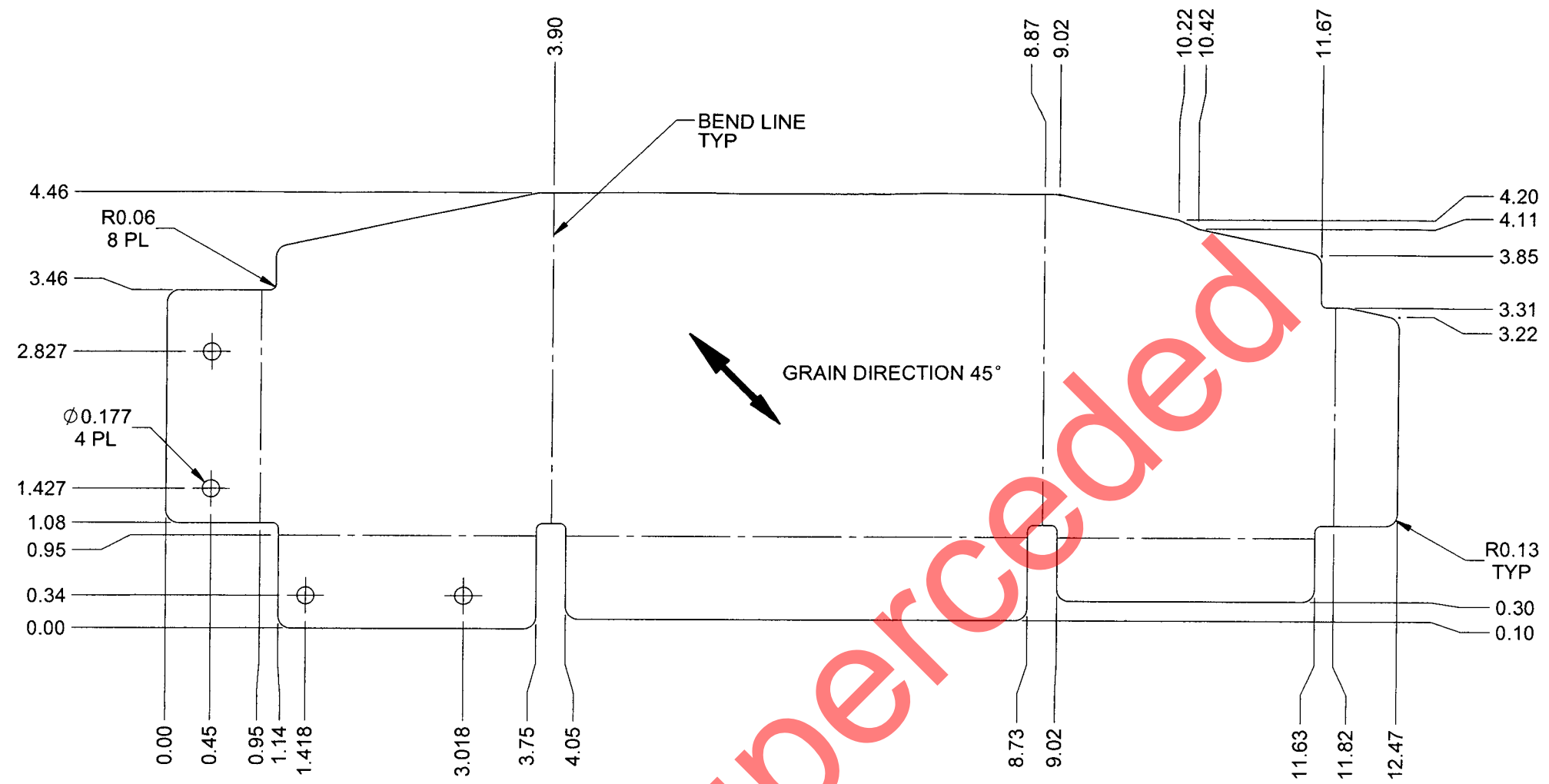
DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		<b>D4434</b>	SHEET 9 OF 15
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**D4434-5 BRACKET**

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2012-01-23  
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DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	<b>D4434</b>	SHEET 10 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
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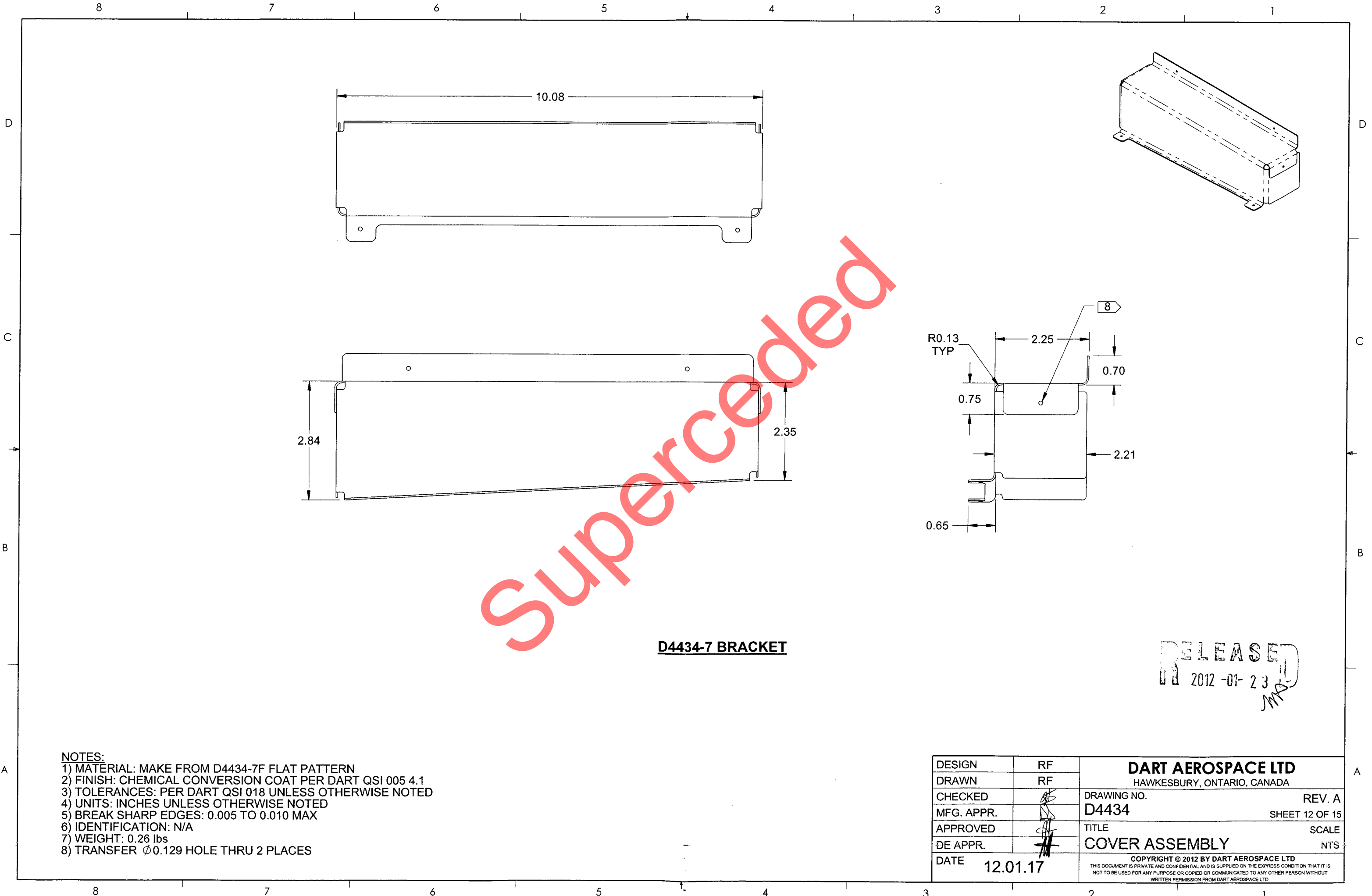
**D4434-5F FLAT PATTERN**

**NOTES:**

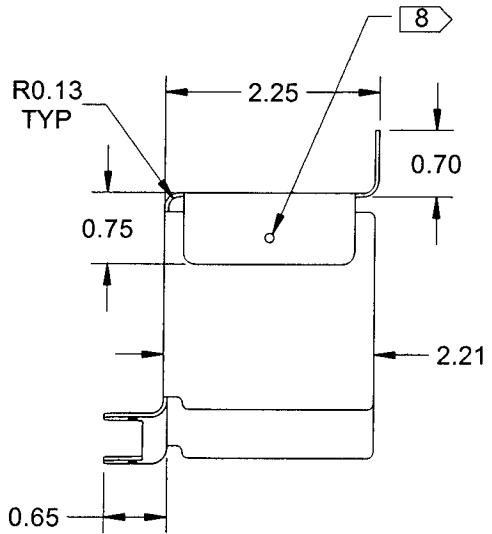
- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.19 lbs

RELEASED  
2012-01-23  
MD

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. A
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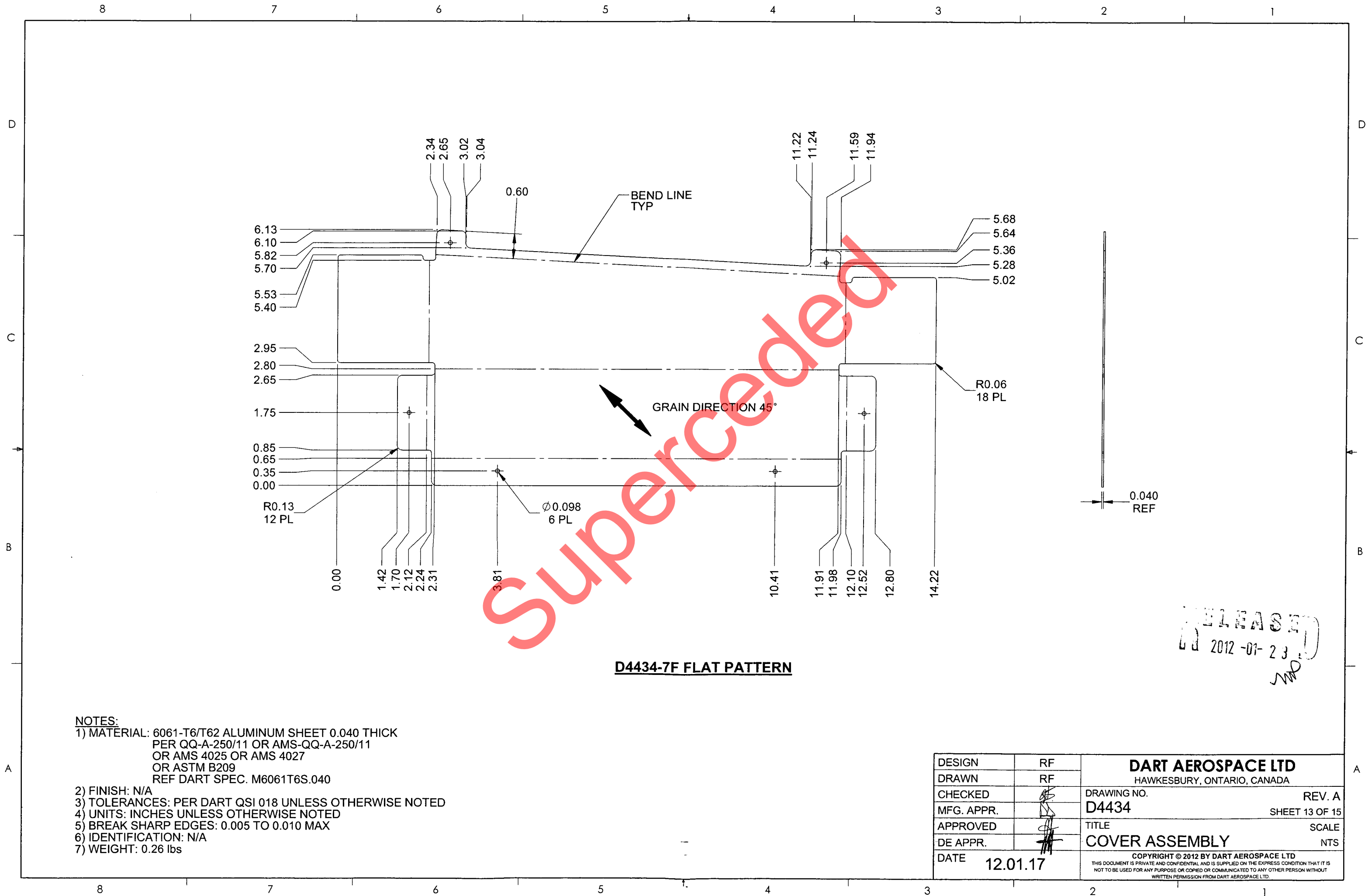
**D4434-7 BRACKET**



RELEASED  
2012-01-23  
JMA

- NOTES:
- 1) MATERIAL: MAKE FROM D4434-7F FLAT PATTERN
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.26 lbs
  - 8) TRANSFER  $\varnothing 0.129$  HOLE THRU 2 PLACES

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		<b>D4434</b>	SHEET 12 OF 15
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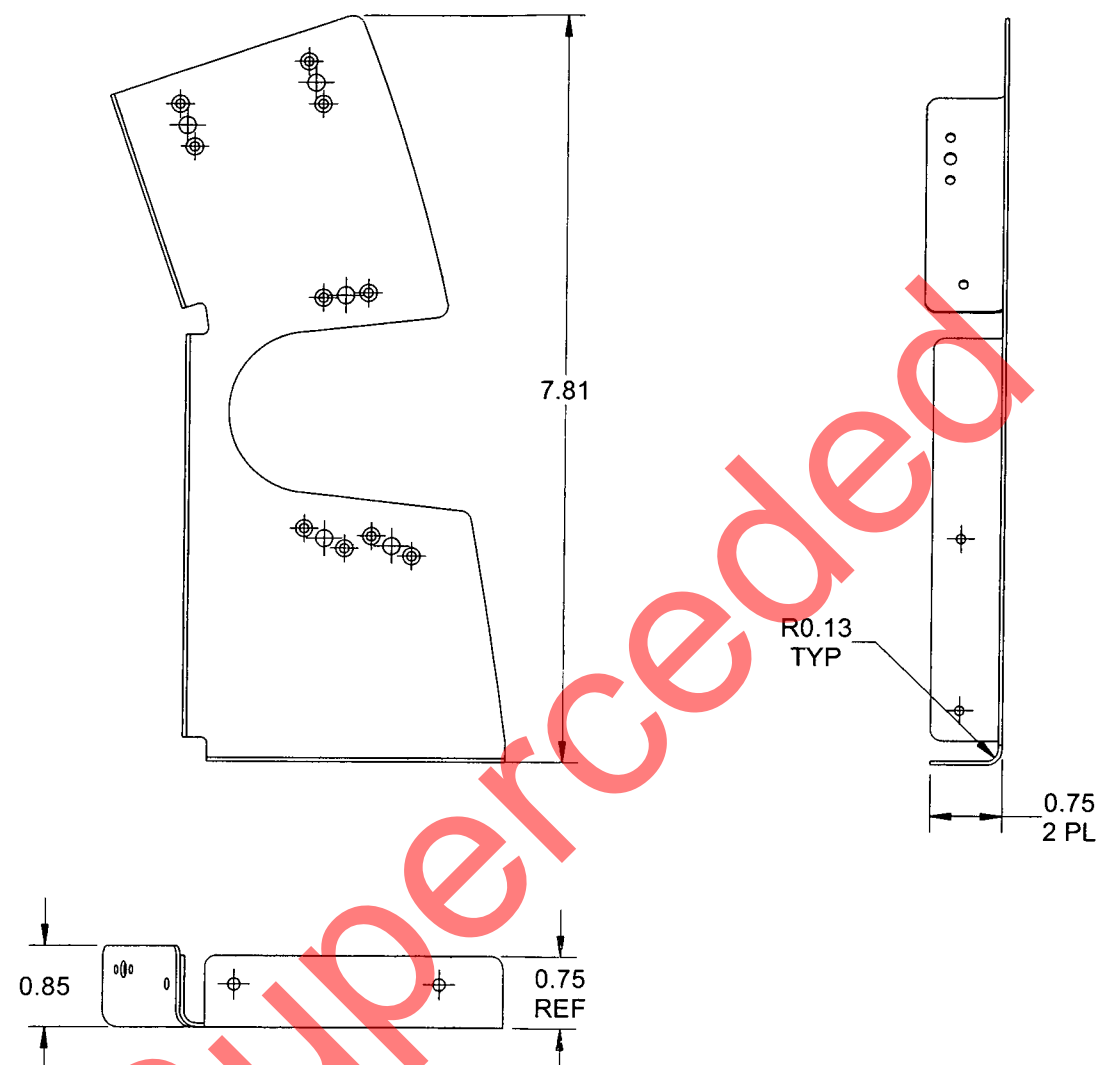
A

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**D4434-9 BRACKET**

RELEASED  
2012-01-23  
MD

**NOTES:**


- 1) MATERIAL: MAKE FROM D4434-9F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.09 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	<b>D4434</b>	SHEET 14 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>COVER ASSEMBLY</b>	NTS
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- 2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: N/A  
7) WEIGHT: 0.09 lbs

**D4434-9F FLAT PATTERN**

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4434	SHEET 15 OF 15
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